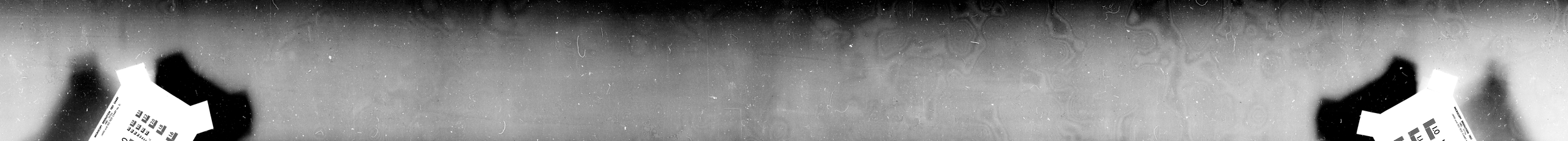
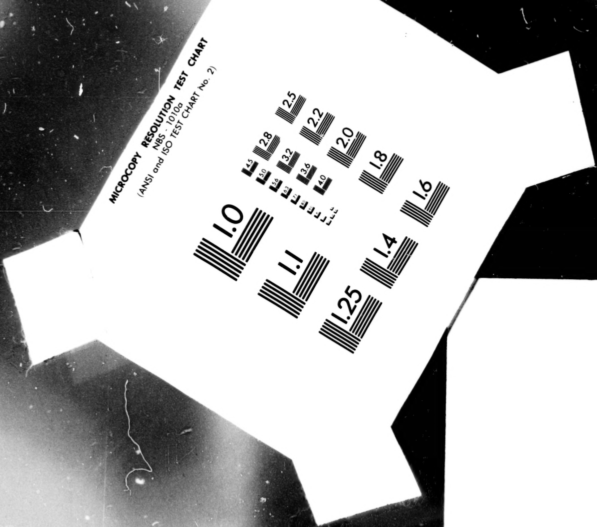
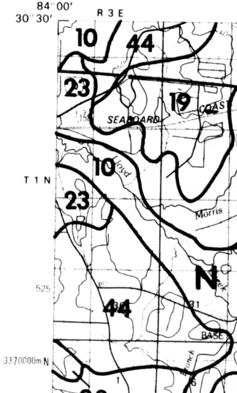
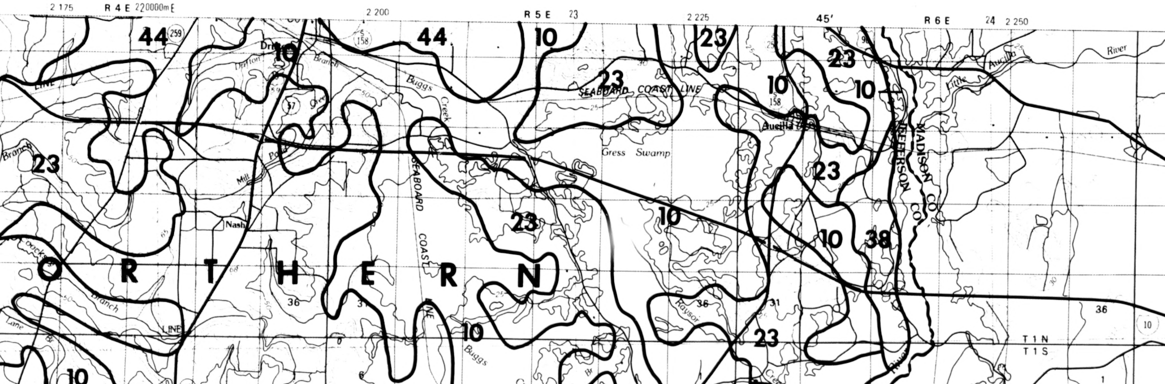
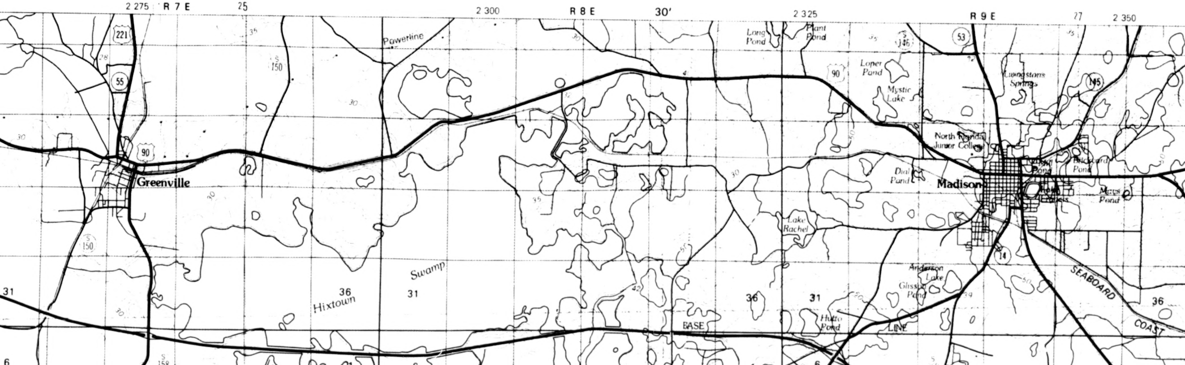


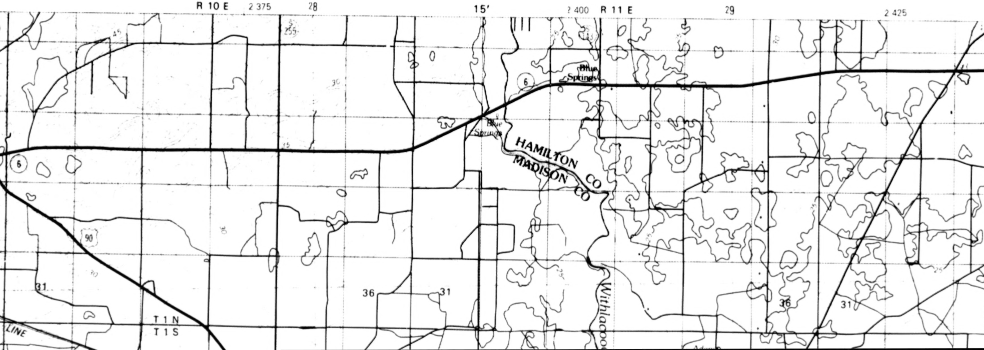

MICROCOPY RESOLUTION TEST CHART
NBS - 1010a
(ANSI and ISO TEST CHART No. 2)
1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0

PERRY, FLORIDA


84°00′
30°30′
R 3 E
10
44
23
19
SEABOARD
COAST
10
Lloyd
T 1 N
23
Morris
N
525
44
31
BASE
3370000m N
Branch
1


2 175
R 4 E
220000m E
2 200
R 5 E
23
2 225
45′
R 6 E
24
2 250
44
259
10
Drifton
Branch
S 158
44
10
23
23
SEABOARD COAST LINE
10
158
23
10
Aucilla
Little
River
LINE
Buggs
Creek
Aucilla
Gress Swamp
Branch
23
Mill
Pond
SEABOARD
COAST
LINE
JEFFERSON CO
MADISON CO
23
23
10
Nash
10
38
O
R
T
H
E
R
N
Branch
36
31
36
31
Raysor
36
LINE
Lane Br
10
Buggs
23
T 1 N
T 1 S
10
10
6
1


2 275
R 7 E
25
2 300
R 8 E
30′
2 325
R 9 E
27
2 350
221
55
90
150
53
146
145
14
Powerline
Long Pond
Plant Pond
Loper Pond
Mystic Lake
Livingstons Springs
North Florida Junior College
Dial Pond
Madison
Blackard Pond
Mays Pond
Greenville
Lake Rachel
Anderson Lake
Glisson Pond
Hutto Pond
Swamp
Hixtown
BASE
LINE
SEABOARD
COAST
31
36
31
36
31
36
6
6


R 10 E
2 375
28
15′
2 400
R 11 E
29
2 425
Blue Springs
Blue Springs
6
6
HAMILTON CO
MADISON CO
Withlacoo
90
31
36
31
36
31
T 1 N
T 1 S
LINE
45
30
30
35
25

AUG 14 '86 I 49.89: 82/47-1/map C12

MAP C12

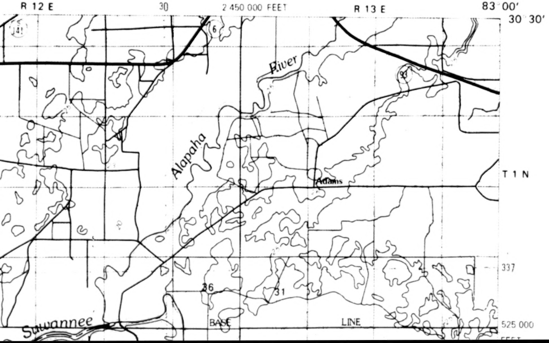
MMS 85-0011
FWS/OBS-82/47.1

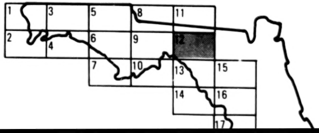
Perry

FLORIDA ECOLOGICAL ATLAS

SOILS AND LANDFORMS

30 X 60 MINUTE SERIES (TOPOGRAPHIC)


R 12 E
30
2 450 000 FEET
R 13 E
83°00'
30°30'
41
6
River
93
Alapaha
Adams
T 1 N
337
36
31
Suwannee
BASE LINE
525 000 FEET

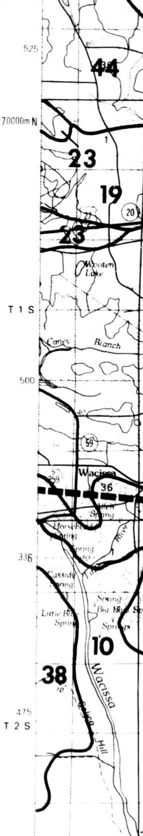

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

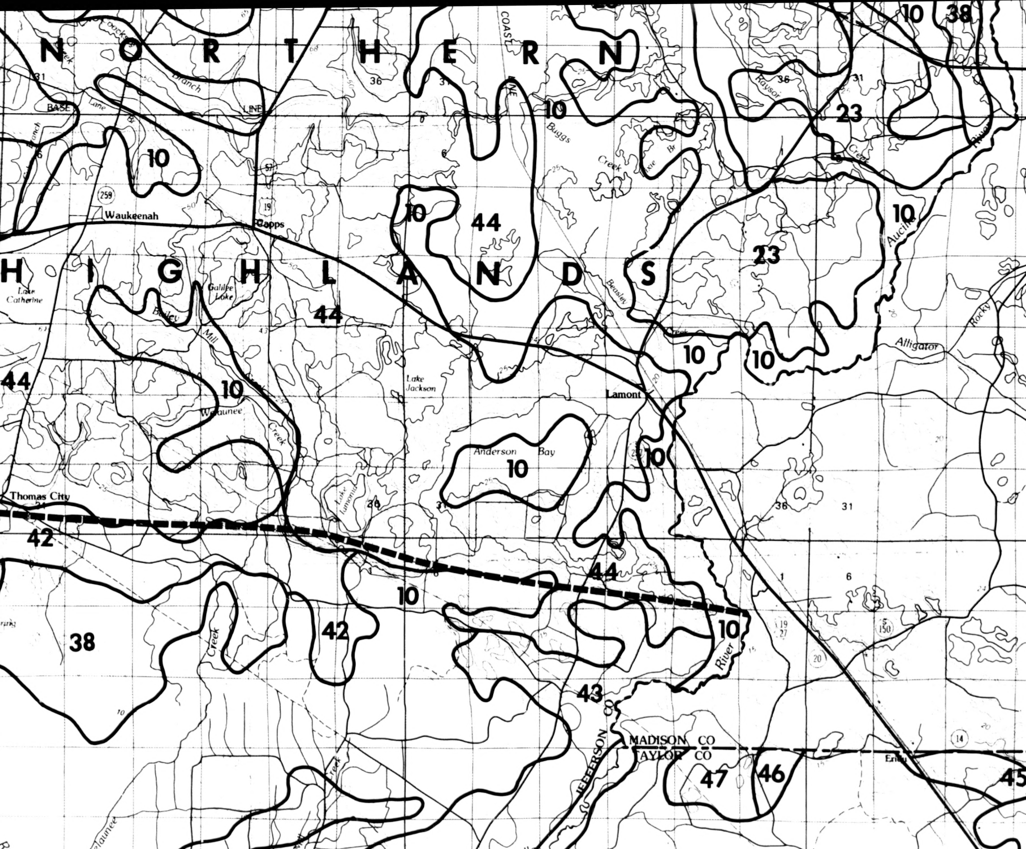
MICROCOPY RESOLUTION TEST CHART

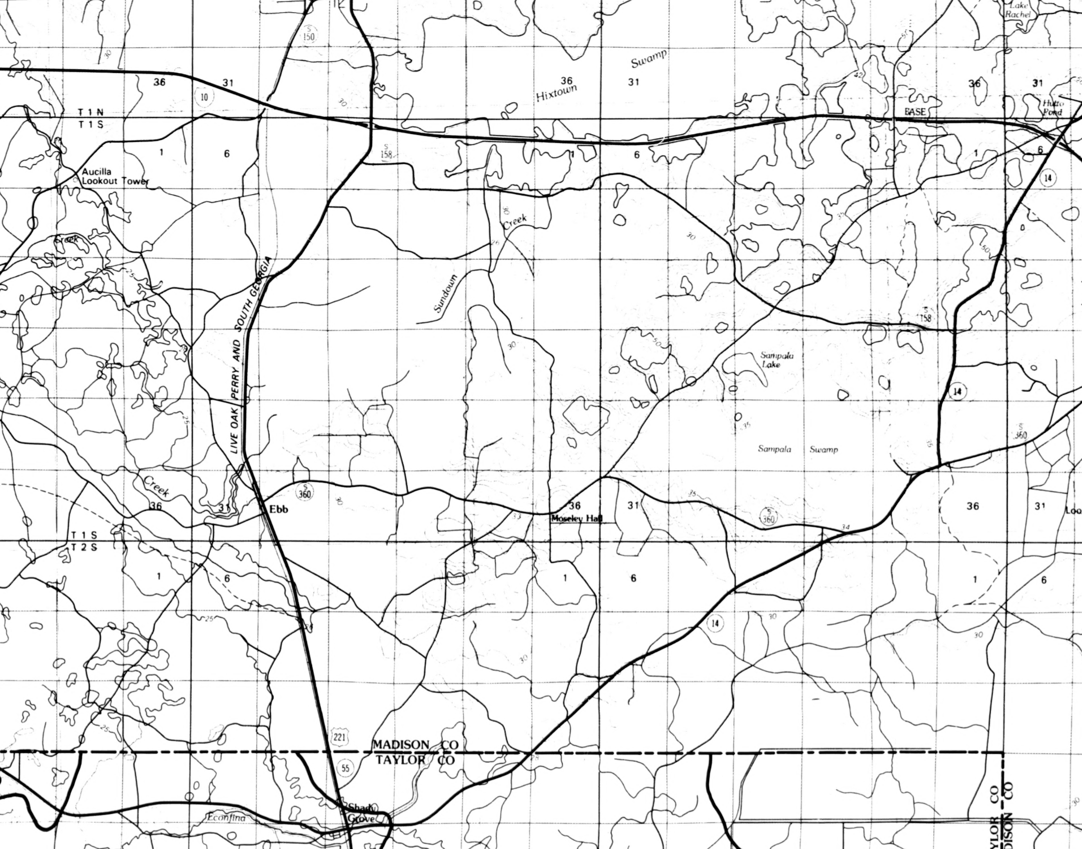
NBS 1010a

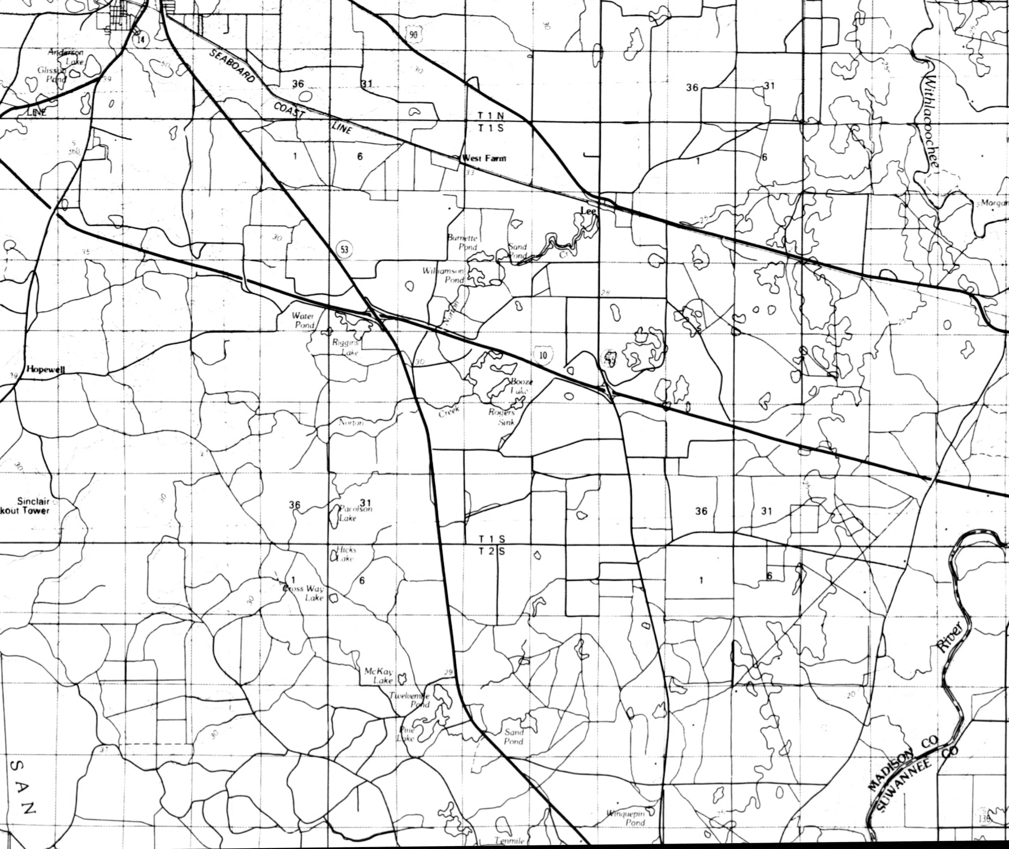
(ANSI and ISO TEST CHART No. 2)

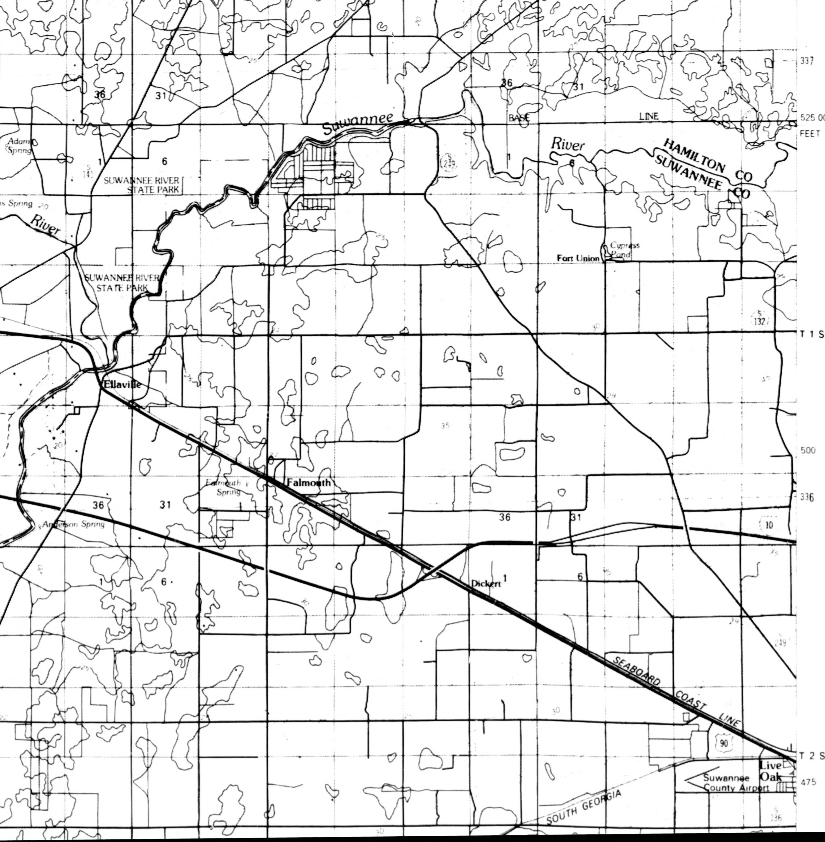
1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0


525
3370000m N
44
23
1
19
20
27
23
Wooten Lake
T 1 S
Caney
Branch
500
59
Wacissa
36
Spring
Horseshoe Spring
River
336
Cassidy Spring
Spring
Big Blue
Springs
Little Blue Spring
10
38
Wacissa
Hill
475
T 2 S

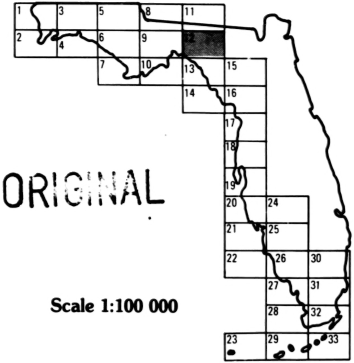

NORTHERN
HIGHLANDS
Cooks Creek
Branch
Lane Br
BASE LINE
COAST LINE
Buggs Creek
Dixie Br
Raysor Creek
Creek
Aucilla River
Waukeenah
Capps
Lake Catherine
Galilee Lake
Bailey Mill Creek
Wacaunee Creek
Lake Jackson
Anderson Bay
Lamont
Beasley Creek
Alligator
Rocky
Thomas City
Lake Lamonia
Creek
River
MADISON CO
TAYLOR CO
JEFFERSON CO
Econfina
10
38
23
36
31
44
10
42
43
44
38
42
47
46
45
259
57
19
19 27
5 150
20
14


Lake Rachel
Swamp
Hixtown
Hutto Pond
BASE
T 1 N
T 1 S
Aucilla Lookout Tower
Creek
Creek
Sundown
LIVE OAK PERRY AND SOUTH GEORGIA
Sampala Lake
Sampala Swamp
Creek
Ebb
Moseley Hall
T 1 S
T 2 S
MADISON CO
TAYLOR CO
Shady Grove
Econfina
TAYLOR CO
MADISON CO
Loo
10
150
158
158
14
14
14
360
360
360
221
55
36
31
36
31
36
31
1
6
1
6
1
6
36
31
36
31
36
31
1
6
1
6
1
6
30
25
35
50
42


Anderson Lake
Glisson Pond
LINE
14
SEABOARD COAST LINE
90
36
31
36
31
T 1 N
T 1 S
1
6
1
6
West Farm
33
Lee
Withlacoochee
Morgan
Burnette Pond
Sand Pond
Cr
Williamson Pond
53
30
35
28
Water Pond
Riggins Lake
Norton
10
Booze Lake
Rogers Sink
Creek
Norton
Hopewell
Sinclair
kout Tower
36
31
Pacolson Lake
36
31
T 1 S
T 2 S
Hicks Lake
1
6
Cross Way Lake
1
6
McKay Lake
29
Twelvemile Pond
Pine Lake
Sand Pond
20
River
MADISON CO
SUWANNEE CO
Winquepin Pond
Tenmile
138
SAN



337
36
31
36
31
BASE
LINE
525 000
FEET
Suwannee
River
River
HAMILTON CO
SUWANNEE CO
Adams Spring
1
6
1
6
SUWANNEE RIVER STATE PARK
SUWANNEE RIVER STATE PARK
Spring
Fort Union
Cypress Pond
132
249
141
T 1 S
Ellaville
500
Falmouth
Falmouth Spring
336
36
31
36
31
Anderson Spring
10
1
6
1
6
Dickert
SEABOARD COAST LINE
90
T 2 S
Live Oak
Suwannee County Airport
475
SOUTH GEORGIA
136


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33

ORIGINAL

Scale 1:100 000

TOPICAL MAPS IN THIS ATLAS:

A. BIOLOGICAL RESOURCES
B. SOCIOECONOMIC FEATURES
C. SOILS AND LANDFORMS
D. OIL, GAS AND MINERALS
E. HYDROLOGY AND CLIMATOLOGY

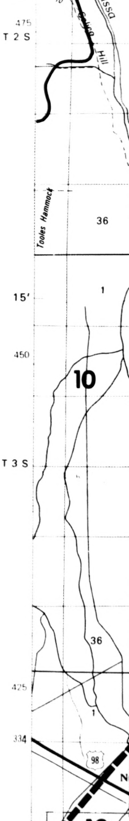
U.S. DEPARTMENT OF THE INTERIOR
MARCH 3, 1849

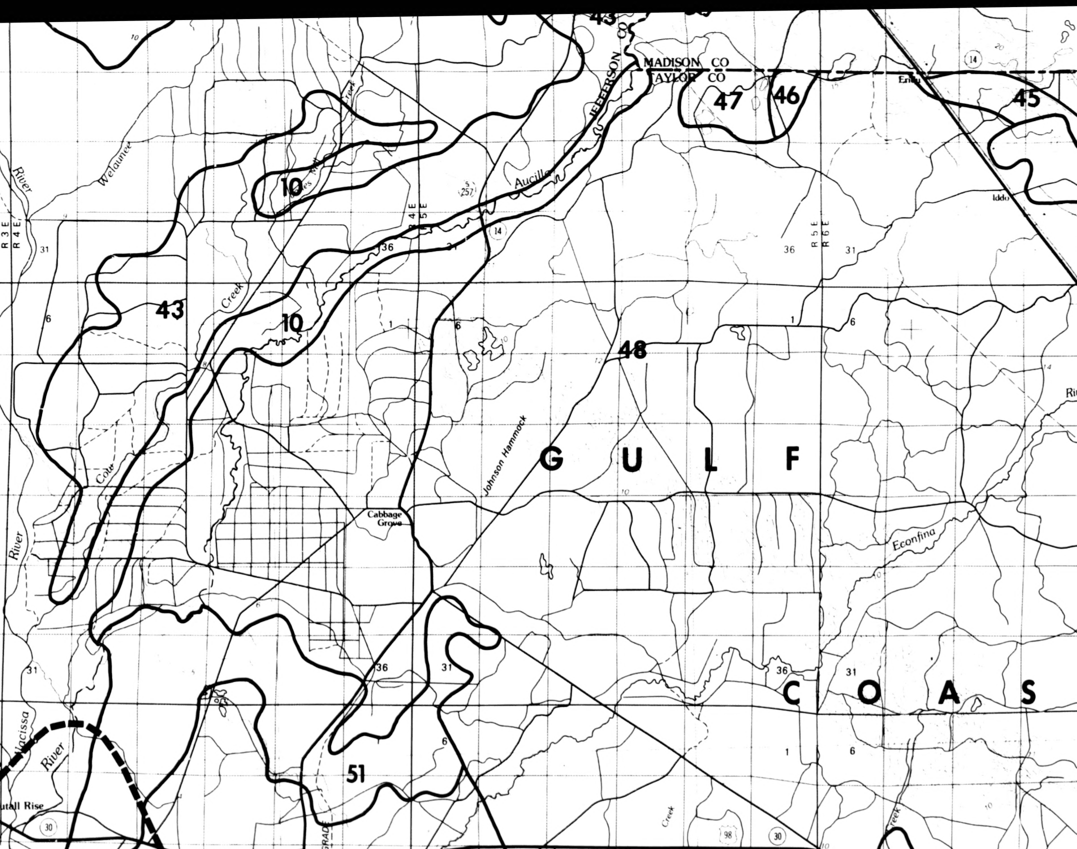
1984

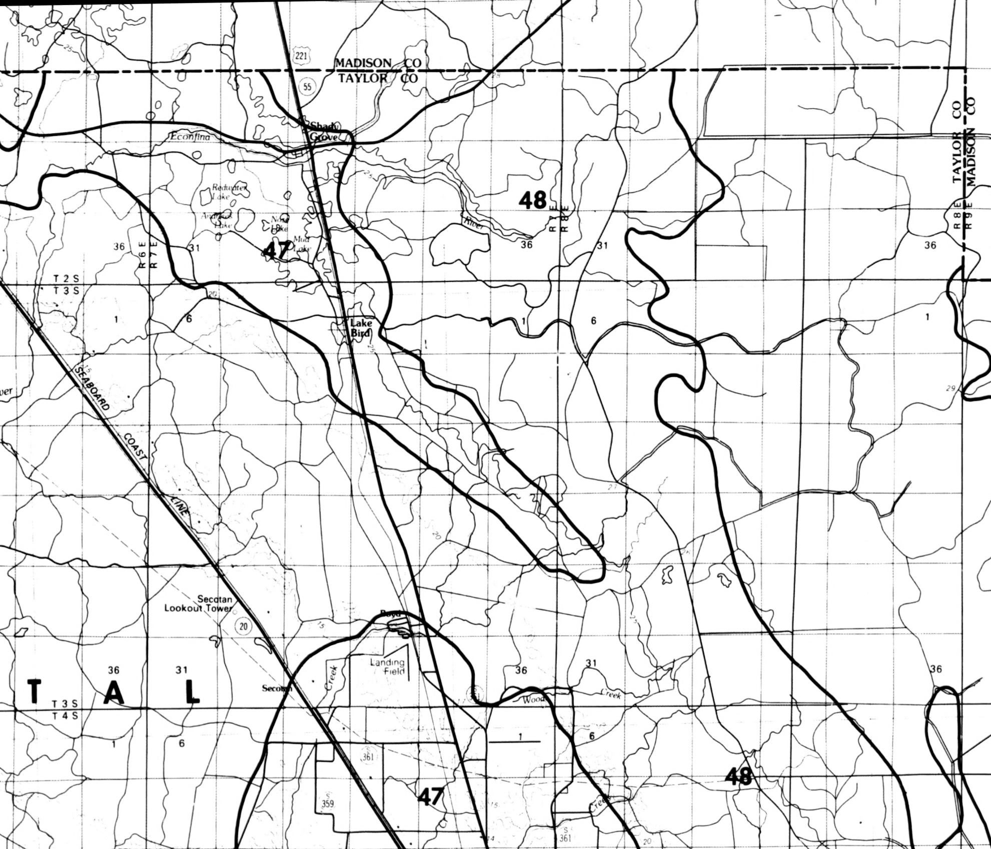
Da

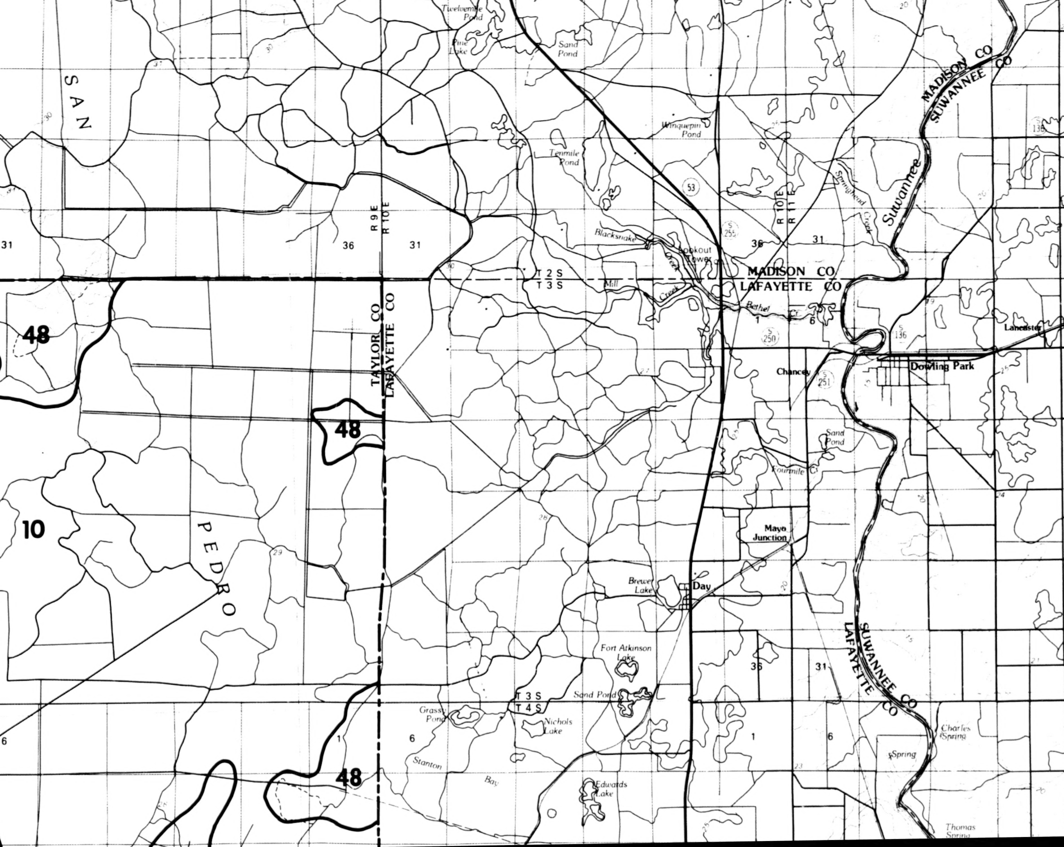
Produced by U.S. Fish and Wildlife
Service and Minerals Management Service

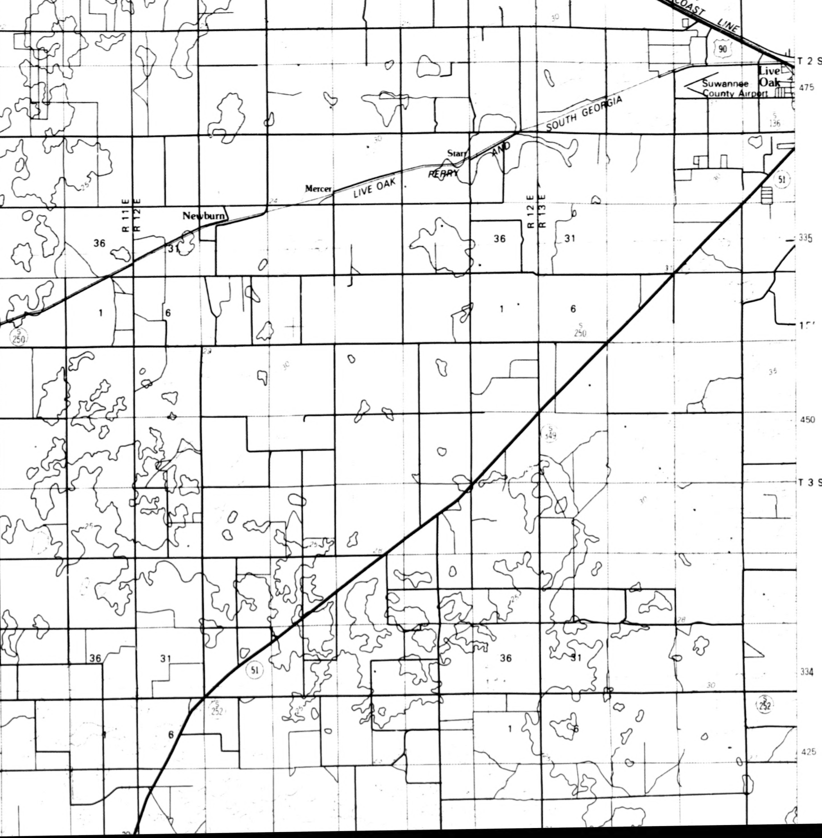
Projection and 10,000 meter grid, zone 17: Universal Transverse Mercator
25,000-foot grid ticks based on Florida coordinate


475
T 2 S
Hill
Tooles Hammock
36
15′
1
450
10
T 3 S
36
425
1
334
98


43
MADISON CO
TAYLOR CO
JEFFERSON CO
47
46
45
14
20
15
Eridu
Iddo
10
Welaunee
River
Creek
10
257
Aucilla
R 3 E
R 4 E
R 4 E
R 5 E
R 5 E
R 6 E
31
36
31
14
36
31
43
Creek
10
6
1
6
1
6
48
12
14
Ri
Johnson Hammock
G U L F
Cow
Cabbage Grove
10
Econfina
10
River
6
36
31
36
31
C O A S
Wacissa
River
51
6
1
6
utall Rise
30
GRADE
Creek
98
30
Creek
10


221
MADISON CO
TAYLOR CO
55
Shady Grove
Econfina
Redwater Lake
Andrews Lake
Nose Lake
Mud Lake
47
River
48
36
R 6 E
R 7 E
31
T 2 S
T 3 S
1
6
20
R 7 E
R 8 E
TAYLOR CO
MADISON CO
R 8 E
R 9 E
Lake Bird
25
SEABOARD
COAST
LINE
29
27
20
Secotan Lookout Tower
20
15
Boyd
Landing Field
Creek
Secotan
T
A
L
36
31
T 3 S
T 4 S
1
6
Wood
Creek
36
31
1
6
361
359
47
Creek
361
48
36
20


Twelvemile Pond
Pine Lake
Sand Pond
SAN
PEDRO
Winquepin Pond
Tenmile Pond
53
S 255
Blacksnake Creek
Lookout Tower
Mill Creek
R 9 E
R 10 E
R 10 E
R 11 E
36
31
31
36
31
T 2 S
T 3 S
MADISON CO
LAFAYETTE CO
MADISON CO
SUWANNEE CO
Springhead Creek
Suwannee
S 136
S 136
Bethel Cr
1
6
S 250
Lancaster
Dowling Park
Chancey
S 251
TAYLOR CO
LAFAYETTE CO
48
48
10
Sand Pond
Fourmile Cr
Mayo Junction
Brewer Lake
Day
Fort Atkinson Lake
Sand Pond
T 3 S
T 4 S
Grassy Pond
Nichols Lake
36
31
1
6
6
6
SUWANNEE CO
LAFAYETTE CO
Charles Spring
Spring
Stanton Bay
48
Edwards Lake
Thomas Spring
30
31
29
28
27
25
20
15
24
23
21
19


COAST LINE
90
T 2 S
Live Oak
Suwannee County Airport
475
S 136
SOUTH GEORGIA
AND
PERRY
LIVE OAK
Starr
Mercer
Newburn
R 11 E
R 12 E
36
31
R 12 E
R 13 E
36
31
51
335
1
6
S 250
1
6
S 250
15'
35
450
S 349
T 3 S
30
25
28
36
31
51
36
31
334
S 252
S 252
6
1
6
425
30
28
24

Produced by U.S. Fish and Wildlife
Service and Minerals Management Service

Projection and 10,000 meter grid, zone 17: Universal Transverse Mercator
25,000-foot grid ticks based on Florida coordinate system, west zone

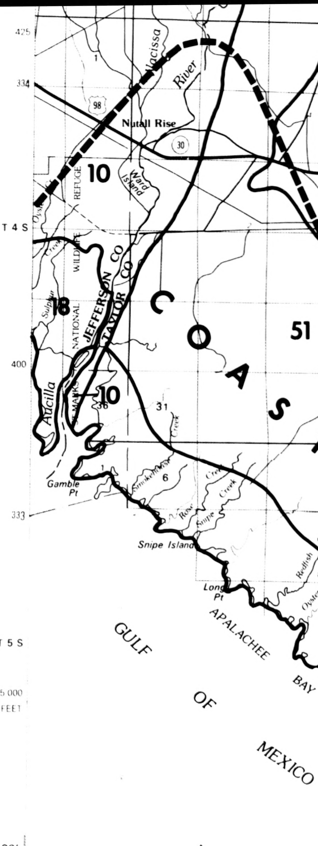
Overlay material compiled in 1983 from latest available data obtained from Federal, State and Local government agencies and other sources.

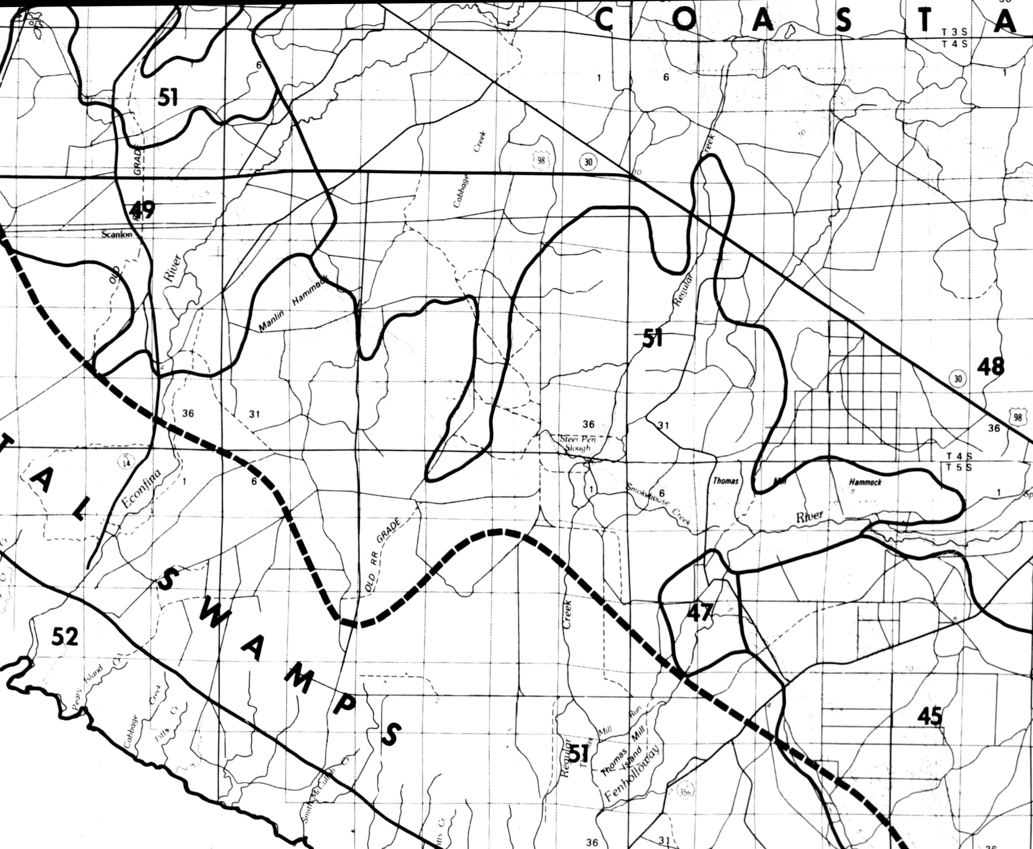
MAJOR SURFACE LANDFORMS

Western Highlands
Escambia Valley
Gulf Coastal Lowlands
Gulf Barrier Chain
Marianna Lowlands
New Hope Ridge
Greenhead Slope
Fountain Slope
Grand Ridge
Northern Highlands
Coastal Swamps
Brooksville Ridge
Western Valley

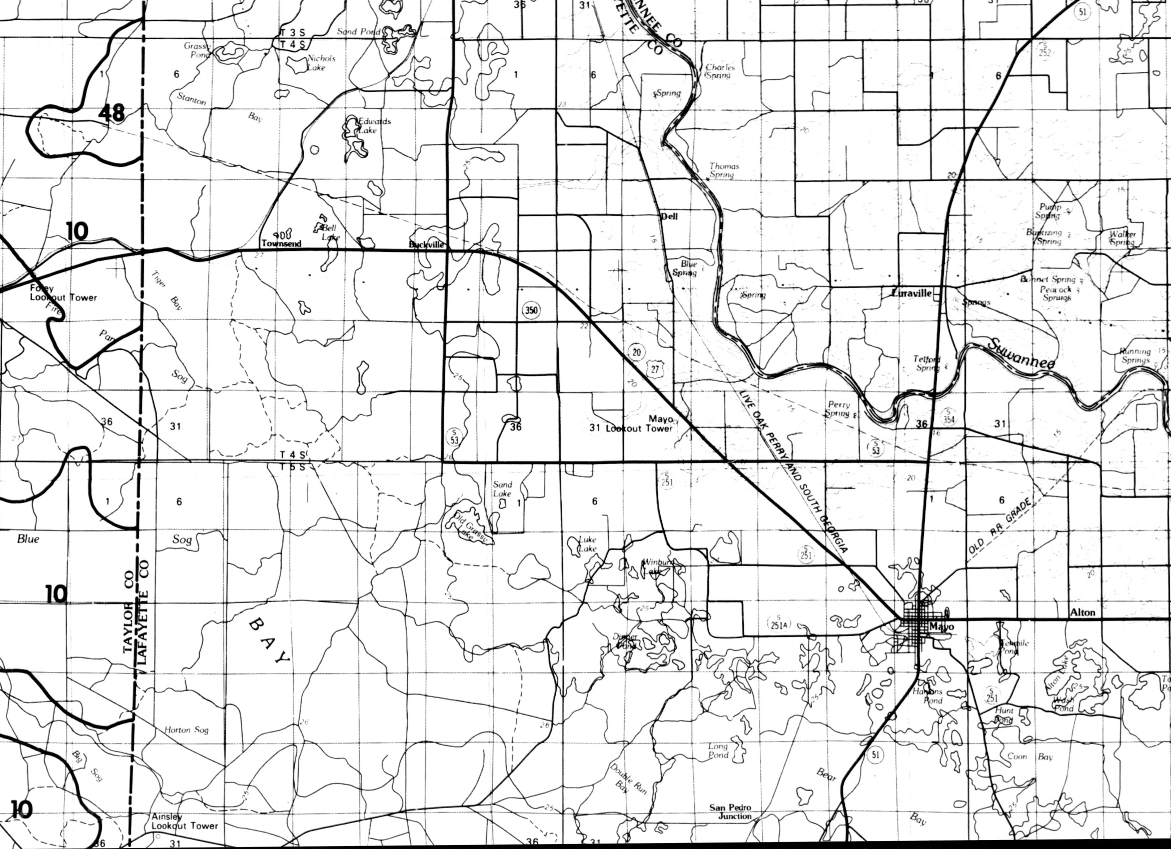
SOIL ASSOCIATIONS

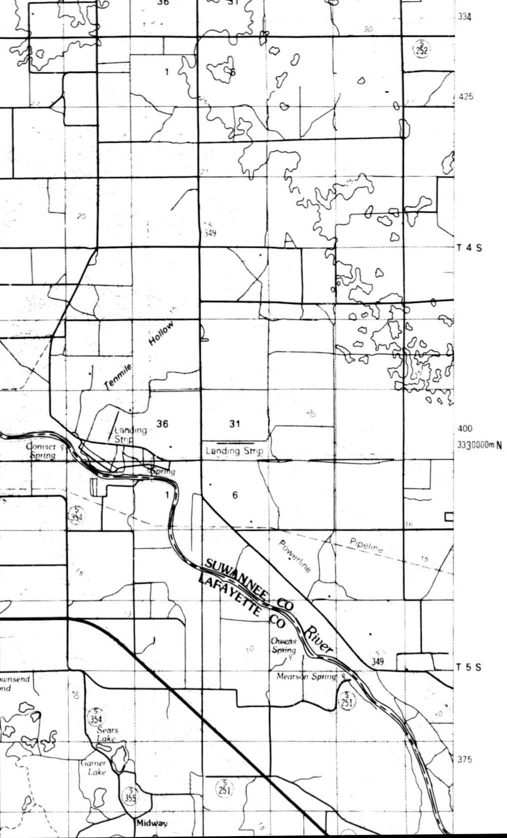
1. Lakeland-Eustis-Lakewood Association
2. Lakeland, Ruston, and Norfolk-Sunsweet, Carnegie and Cuthbert Association
3. Red Bay-Blakely Association
4. Tifton-Carnegie-Faceville Association
5. Norfolk-Ruston-Savannah Association
6. Tifton-Irvington-Lynchburg Association
7. Klej-Leon Association
8. Huckabee-Kalmia-Izagota Association
9. Coastal Dune Land and Beach-Tidal Marsh Association
10. Plummer-Rutlege-Alluvial Land-Fresh Water Swamp-Dorovan-Pamlico Association
11. Lakeland-Paola-Kureb-St. Lucie-Rimini Association
12. Lakeland-Troup Association
13. Troup-Orangeburg Association
14. Dothan-Orangeburg Association
15. Red Bay-Lucy Association
16. Chipley-Scranton Association


425
334
T 4 S
400
333
T 5 S
375 000
FEET
Aucilla
River
98
Nutall Rise
30
10
Ward Island
REFUGE
WILDLIFE
NATIONAL
ST MARKS
JEFFERSON CO
TAYLOR CO
Sulphur Creek
18
10
36
31
Creek
1
6
Smokehouse
Rose
Snipe Creek
Creek
Gamble Pt
Snipe Island
Long Pt
Redfish
Oyster
C O A S
51
GULF OF MEXICO
APALACHEE BAY

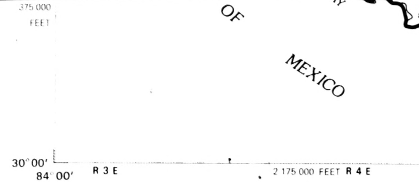

COASTA
T 3 S
T 4 S
51
6
1
6
1
Cabbage Creek
98
30
10
Regular Creek
49
Scanlon
OLD GRADE RR
River
Manlin Hammock
51
48
30
98
36
31
36
Steer Pen Slough
31
36
T 4 S
T 5 S
14
Econfina
1
6
1
Smokehouse Creek
6
Thomas Mill Hammock
River
1
Sp
TAL SWAMPS
OLD RR GRADE
Creek
47
52
Pearl Island Cr
Cabbage Creek
Pitts Cr
Smith McCullough Cr
Regular Creek
51
Thomas Mill Run
Thomas Island Mill
Fenholloway
356
45
10
36
31
36

L
Secotan
Field
36
Wood Creek
Creek
6
1
48
47
S 361
S 359
19 27
55
221
Creek
Pimple
Perry
S 356
Spring
Creek
L O W L A N D S
Rocky
361
Woods
356
Spring
Creek
Spr
30
ALT 27
LIVE OAK, PERRY AND SOUTH GEORGIA
ABANDONED
Spring
Hampton Springs
S 356
S 359
361A
36
31
20
S 356
27
30
Perry-Foley Airport
Bucell Junction
Foley
Fenholloway
River
Fenholloway
Waldo Spring
Fenholloway
Spring
36
31
Smith
River
6
SEABOARD COAST LINE
55
47
48
S 356
361A
S 361
Pinland
ALT 27
19 98
Creek
Creek
10
36
31


36
31
SUWANNEE CO
LAFAYETTE CO
51
T 3 S
T 4 S
Sand Pond
Grassy Pond
Nichols Lake
1
6
1
6
6
Charles Spring
Spring
S 252
Stanton
Bay
48
Edwards Lake
23
20
Thomas Spring
Dell
Pump Spring
Bubbling Spring
Walker Spring
10
Townsend
Bell Lake
Buckville
27
Blue Spring
Spring
Luraville
Springs
Bonnet Spring
Peacock Springs
Foley Lookout Tower
Fire
Pan
Tiger
Bay
350
22
20
27
Telford Spring
Suwannee
Running Springs
Sog
25
Perry Spring
LIVE OAK PERRY AND SOUTH GEORGIA
15
36
31
S 53
36
31 Lookout Tower
Mayo
36
S 354
31
S 53
16
T 4 S
T 5 S
26
Sand Lake
1
1
6
6
S 251
20
1
6
OLD RR GRADE
Old Grassy Lake
Blue
Sog
Luke Lake
Winburn Lake
S 251
20
10
TAYLOR CO
LAFAYETTE CO
BAY
25
Dunbar Pond
S 251A
Mayo
Alton
Tenmile Pond
Alton Lake
Hardins Pond
S 251
Wash Pond
Hunt Pond
Horton Sog
26
26
Long Pond
51
Coon Bay
Big Sog
Double Run Bay
Bear
10
25
San Pedro Junction
Bay
Ainsley Lookout Tower
36
31
36
31


36
31
334
30
252
1
6
425
21
25
20
349
T 4 S
Hollow
Tenmile
15
20
Landing Strip
36
31
400
3330000m N
Convict Spring
Landing Strip
Spring
1
6
354
16
Powerline
Pipeline
15
SUWANNEE CO
LAFAYETTE CO
River
13
Owens Spring
10
349
T 5 S
Mearson Spring
251
wnsend
nd
20
354
Sears Lake
10
Garner Lake
375
251
355
Midway
15

5. Norfolk-Ruston-Savannah Association
6. Tifton-Irvington-Lynchburg Association
7. Klej-Leon Association
8. Huckabee-Kalmia-Izagota Association
9. Coastal Dune Land and Beach-Tidal Marsh Association
10. Plummer-Rutlege-Alluvial Land-Fresh Water Swamp-Dorovan-Pamlico Association
11. Lakeland-Paola-Kureb-St. Lucie-Rimini Association
12. Lakeland-Troup Association
13. Troup-Orangeburg Association
14. Dothan-Orangeburg Association
15. Red Bay-Lucy Association
16. Chipley-Scranton Association
17. Johns-Leaf Association
18. Salt Water Marsh-Bayvi-Dirego Association
19. Fuquay-Lucy-Troup Association
20. Dothan-Orangeburg-Tifton Association
21. Lakeland-Faceville Association
22. Chipley-Albany-Leon Association
23. Ardilla-Leefield-Stilson Association
24. Tifton-Faceville-Greenville Association
25. Norfolk-Ruston-Goldsboro Association
26. Tifton-Faceville-Marlboro Association
27. Lakeland-Cuthbert-Shubuta Association
28. Blanton-Klej-Plummer Association
29. Goldsboro-Lynchburg-Rains Association
30. Kureb-Resota-Mandarin Association
31. Lakeland-Foxworth-Centenary Association
32. Leefield-Albany-Stilson Association
33. Hurricane-Chipley-Albany Association
34. Pottsburg-Leon-Rutlege Association
35. Plummer-Pelham Association
36. Rutlege-Allanton-Pickney Association
37. Chipley-Albany-Stilson Association
38. Leon-Albany-Plummer-Chipley-Osier Association
39. Dunbar-Bladen Association
40. Dothan-Stilson-Lucy Association
41. Ardilla-Leefield-Pansey Association
42. Chipley-Albany-Blanton Association
43. Leon-Felda-Matmon Association
44. Dothan-Orangeburg-Red Bay Association
45. Alpin-Blanton-Eustis Association
46. Orangeburg-Lucy-Dothan Association
47. Chipley-Albany-Plummer Association
48. Leon-Mascotte-Rutlege Association
49. Broward, var.-Matmon-Osier Association
50. Manatee, var.-Felda, Var.-Copeland, Var. Association
51. Fresh Water Swamp, Shallow to Limestone Association
52. Salt Water Marsh and Swamp-Coastal Dunes Association
53. Alpin-Blanton Association
54. Chipley-Blanton-Swamp Association
55. Adamsville, var.-Chiefland-Blanton Association
56. Candler-Apopka Association
57. Jonesville-Chiefland-Archer Association
58. Arredondo-Gainesville Association
59. Hernando-Archer-Chiefland Association
60. Sparr-Lochloosa-Tavares Association
61. Adamsville-Osier Association
62. Bushnell-Wabasso-Felda Association
63. Blichton-Flemington-Kanapaha Association
64. Leon-Mascotte-Surrency Association

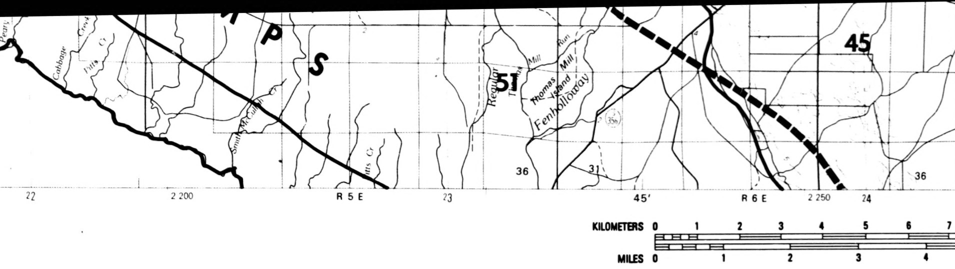

375 000
FEET
AY
OF
MEXICO
30°00′
84°00′
R 3 E
2 175 000 FEET R 4 E

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1980

THE FLORIDA ECOLOGICAL ATLAS WAS PRODUCED BY THE U.S. FISH AND WILDLI SERVICE, DIVISION OF BIOLOGICAL SERVICES, NATIONAL COASTAL ECOSYSTEMS TEAM (FWS/OBS - 82/47) AND THE MINERALS MANAGEMENT SERVICE FOR COAS PLANNERS, DECISION MAKERS, AND THE GENERAL PUBLIC, TO DETERMINE AND EVALUATE CHANGE AND TO RESOLVE CONFLICTS AMONG LAND USES, FISH AND WILDLIFE REQUIREMENTS, AND THE MAINTENANCE OF ECOLOGICAL DIVERSITY. THE STUDY AREA INCLUDES THE COASTAL COUNTIES: ESCAMBIA, SANTA ROSA, OKALOOSA, WALTON, WASHINGTON, BAY, CALHOUN, GULF, FRANKLIN, WAKULLA JEFFERSON, TAYLOR, DIXIE, LEVY, CITRUS AND HERNANDO, AND EXTENDS OFFSHORE APPROXIMATELY 10 MILES. THERE IS NO ATTEMPT, IN THE DESIGN OR PRODUCTS OF THIS STUDY, TO DEFINE THE LIMITS OF PROPRIETARY JURISDICTION OF ANY FEDERAL, STATE, OR LOCAL GOVERNMENT TO ESTABLISH THE GEOGRAPHICAL SCOPE OF THE REGULATORY PROGRAMS OF GOVERNMENT AGENCIES.

THIS MAP HAS BEEN COMPILED FROM A VARIETY OF SOURCE MATERIALS INCLUDING MAPS, AERIAL PHOTOS, AND REPORTS. SINCE MANY SOURCES CONTAINED GENERALIZED LOCATIONS OF RESOURCES AND OTHER MAPPED FEATURES, THE USER SHOULD NOT RELY ON THESE MAPS FOR PRECISE MEASUREMENTS OF DISTANCES OR AREAS.

MICROCOPY RESOLUTION TEST CHART
NBS - 1010a
(ANSI and ISO TEST CHART No. 2)
1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6


Peary
Cabbage
Creek
Pitts Cr
P
S
Smith McCallum Cr
Pitts Cr
Regular
Mill
Run
Mill
Thomas Island
Fenholloway
51
35h
45
36
31
36
22
2 200
R 5 E
23
45′
R 6 E
2 250
24
KILOMETERS 0 1 2 3 4 5 6 7
MILES 0 1 2 3 4

FE

STAL

A,

PRIMARY SOURCES OF MAPPED INFORMATION:

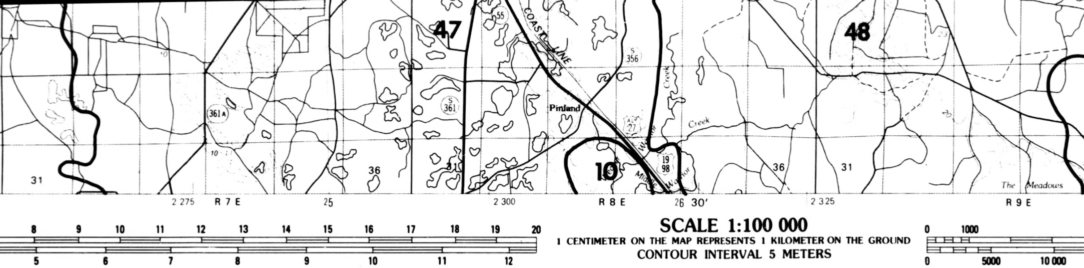
LANDFORMS: Physiographic Map of Florida,
State Bureau of Geology, 1980.

SOILS: General Soils Atlas of Florida,
Division of State Planning, 1975.
General Soils Atlas of Florida, U.S.
Soil Conservation Service, 1982.

ACTIVE DUNES: Black and White Aerial
Photography, 1:80,000 Scale, Mark Hurd
Aerial Surveys Inc., 1980.
Topographic Maps, 1:24,000 Scale, U.S.
Geological Survey, various dates.

GEOLOGIC FAULTS: Map of Escambia and
Santa Rosa Counties Showing Contours on top
of the Lower Limestone of the Floridan
Aquifer, State Bureau of Geology, 1965.

FOR COMPLETE REFERENCES SEE MAP NARRATIVE



47
48
10
55
S 356
S 361
361 A
Pinland
COAST LINE
Creek
Creek
27
19 98
Middle
31
36
36
31
31
The Meadows
2 275
R 7 E
25
2 300
R 8 E
26 30′
2 325
R 9 E
SCALE 1:100 000
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 5 METERS
8
9
10
11
12
13
14
15
16
17
18
19
20
5
6
7
8
9
10
11
12
0
1000
0
5000
10 000

10. **Plummer-Rutlege-Alluvial Land-Fresh Water Swamp-Dorovan-Pamlico Association: Nearly level, poorly drained soils with a thick surface layer overlying a loamy subsoil and very poorly drained soils that are sandy throughout.**

18. **Salt Water Marsh-Bayvi-Dirego Association: Nearly level, very poorly drained soils subject to frequent flooding by tidal waters.**

19. **Fuquay-Lucy-Troup Association: Nearly level to sloping, well drained soils with sandy layers over loamy subsoil.**

23. **Ardilla-Leefield-Stilson Association: Nearly level to gently sloping, somewhat poorly drained and moderately well drained sandy soils with loamy subsoil.**

38. **Leon-Albany-Plummer-Chipley-Osier Association: Nearly level, poorly drained sandy soils with weakly cemented sandy subsoil, and poorly drained soils with very thick sandy layers over loamy subsoil.**

42. **Chipley-Albany-Blanton Association: Nearly level to gently sloping, moderately well drained soils that are sandy throughout, and somewhat poorly drained soils with very thick sandy layers over loamy subsoil.**

43. **Leon-Felda-Matmon Association: Nearly level, poorly drained sandy soils with weakly cemented sandy subsoil, poorly drained sandy soils with loamy subsoil, and somewhat poorly drained sandy soils with clayey subsoils in close proximity to limestone rock.**

44. **Dothan-Orangeburg-Red Bay Association: Nearly level to sloping well drained sandy or loamy soils with loamy subsoils.**

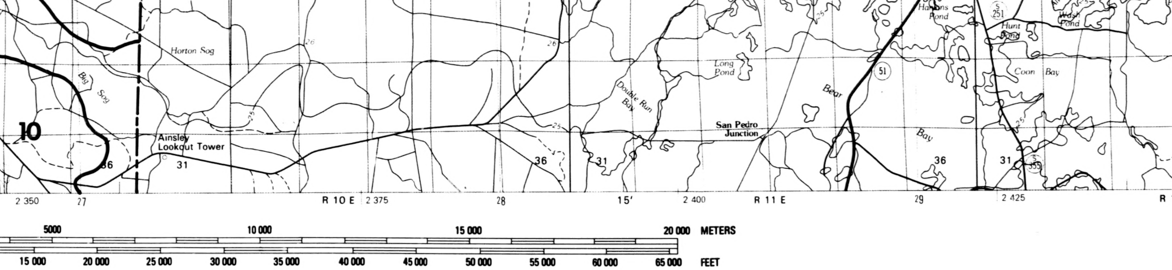
45. **Alpin-Blanton-Eustis Association: Nearly level to sloping, excessively drained soils with very thick sandy layers over thin loamy sand or sandy loam lamella, and moderately well drained soils with very thick sandy layers over loamy subsoils, and somewhat excessively drained soils sandy throughout.**

46. **Orangeburg-Lucy-Dothan Association: Nearly level to sloping, well drained sandy soils with loamy subsoils.**

47. **Chipley-Albany-Plummer Association: Nearly level to gently sloping, moderately well drained soils, sandy throughout, and somewhat poorly and poorly drained soils with very thick sandy layers over loamy subsoil.**

48. **Leon-Mascotte-Rutlege Association: Nearly level, poorly drained sandy soils with weakly cemented sandy subsoil, and poorly drained sandy soils with a weakly cemented sandy subsoil layer underlain by loamy subsoil, and very poorly drained soils sandy throughout.**

49. **Broward, var.-Matmon-Osier Association: Nearly level, somewhat poorly drained sandy soils, shallow to limestone and somewhat poorly drained sandy soils with clayey subsoils, shallow to limestone and poorly drained soils sandy throughout.**


Horton Sog
Big Sog
10
Ainsley Lookout Tower
31
36
Long Pond
Double Run Bay
San Pedro Junction
Bear Bay
Coon Bay
Hunt Pond
Wash Pond
Pond
51
251
355
25
26
2 350
27
R 10 E
2 375
28
15′
2 400
R 11 E
29
2 425
R
5000
10 000
15 000
20 000
METERS
15 000
20 000
25 000
30 000
35 000
40 000
45 000
50 000
55 000
60 000
65 000
FEET

51. **Fresh Water Swamp, Shallow to Limestone Association:** Nearly level, very poorly drained soils, shallow to limestone, subject to prolonged flooding.

52. **Salt Water Marsh and Swamp-Coastal Dunes Association:** Nearly level, very poorly drained soils subject to frequent flooding by tidal waters, and somewhat excessively drained sandy soils.

E = __ ft/yr BEACH EROSION AREA (Period of Record: 1957-1981; Univ. of West Florida, 1981)

A = __ ft/yr BEACH ACCRETION AREA (Period of Record: 1957-1981; Univ. of West Florida, 1981)

■ GULF BARRIER ISLAND

Ⓓ ACTIVE DUNE AREA

U/D NORMAL FAULT (Showing relative vertical movement, U, up, and D, down)

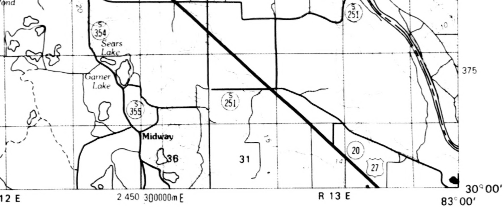
U/D SUB-SURFACE NORMAL FAULT (Showing relative vertical movement, U, up, and D, down)

STUDY AREA BOUNDARY

Offshore

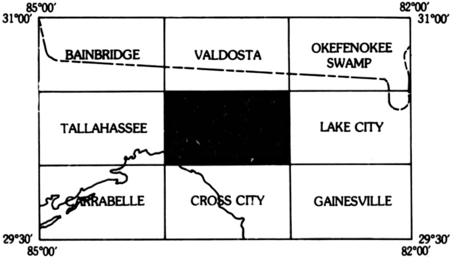
Inland (County)

Inland (State)


354
Sears Lake
Garner Lake
355
Midway
36
251
251
31
15
14
20
27
375
12 E
2 450 300000m E
R 13 E
30° 00′
83° 00′

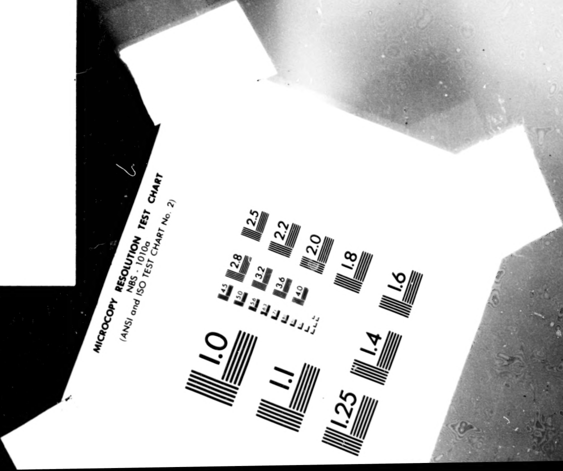
PERRY, FLORIDA
N3000–W8300/30 X 60

1979


85°00′
31°00′
82°00′
31°00′
BAINBRIDGE
VALDOSTA
OKEFENOKEE SWAMP
TALLAHASSEE
LAKE CITY
CARRABELLE
CROSS CITY
GAINESVILLE
29°30′
85°00′
29°30′
82°00′

55. Adamsville, var.-Chiefland-Blanton Association
56. Candler-Apopka Association
57. Jonesville-Chiefland-Archer Association
58. Arredondo-Gainesville Association
59. Hernando-Archer-Chiefland Association
60. Sparr-Lochloosa-Tavares Association
61. Adamsville-Osier Association
62. Bushnell-Wabasso-Felda Association
63. Blichton-Flemington-Kanapaha Association
64. Leon-Mascotte-Surrency Association
65. Lynne-Pomona-Pompano Association
66. Candler-Paola-Tavares Association
67. Candler-Adamsville-Pompano Association
68. Arredondo-Kendrick Association
69. Broward-Boca Association
70. Panasoffkee-Bushnell Association
71. Myakka-Basinger Association
72. Meggett, var.-Pompano Association
73. Terra Ceia-Placid Association
74. Arredondo-Sparr-Kendrick Association
75. Candler-Lake Association
76. Masaryk Association
77. Nobleton-Blichton-Flemington Association
78. EauGallie-Wabasso-Basinger Association
79. Paisley-Floridana-Wabasso Association
80. Okeelanta-Aripeka-Terra Ceia Association
81. Homosassa-Weekiwachee-Lacoochee Association
82. Floridana-Basinger Association
83. Salt Water Marsh and Swamp Association
84. Fresh Water Swamp and Marsh Association
85. Blichton-Lochloosa-Kendrick Association
86. Paisley-Bushnell Association
87. Myakka-Pomello Association

MICROFILMED FROM
BEST AVAILABLE COPY



MICROCOPY RESOLUTION TEST CHART
NBS - 1010a
(ANSI and ISO TEST CHART No. 2)

1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6